

**Attachment 4**

**PART 3**

**MINIMAL IMPACT EXPLORATION OPERATION  
PERMIT APPLICATION**

**Alkali Flats Lithium Brine Phase 1 Exploration Drilling**

**Lancaster Resources Inc.**

**Extended Response Addendum**

Note that certain cells in the PDF form did not allow for room. Full length notes are shown below with significant more detail also included in the attached Plan of Operations submitted concurrently to the BLM (Attachment 5 – LCR PoO BLM)

**SECTION 2 – RIGHT TO ENTER INFORMATION (§302.D.1)**

**A. Attachment:**

Attachment 1 - LCR BLM Minerals

**B. Mineral Estate Owner(s):**

Claim Numbers: NM105297541 - NM105297571 (31) / NM105788152 - NM105788187 (36) / NM105810533 - NM105810694 (162) / NM105818469 - NM105818480 (12) / NM105830503 - NM105830521 (19)

**SECTION 3 – MAPS AND PROJECT LOCATION (§302.D.2)**

**B. Maps / Attachments:**

Attachment 2: EMNRD General Area Overview

**SECTION 4 – EXPLORATION DESCRIPTION (§302.D.3 & 4)**

**C. Other methods of exploration**

The MT geophysical program was used to refine the drilling locations. All drilling locations would remain within section 15-23S-20W. LCR commits to updating BLM and EMNRD with new drilling GPS coordinates once confirmed (mid October).

LCR will be collecting drill cuttings and brine samples at various intervals of drilling. These will be analyzed for chemical composition, lithium concentrations, REE concentrations, etc. Anticipated drilling depths are ~200m (LCR-1 or LCR-2) for short hole and ~800m for deeper target (LCR-3)

## **SECTION 5 – CHEMICAL USE (§302.D.4)**

### **B. Describe, in detail, a plan for the containment, use and disposal of all chemicals listed above:**

All products listed above will be stored on equipment within drilling site and in approved containers. Plastic mats/basins/sheetings will be used to minimize any chance of a spill or release. Use of the products will follow manufacturers recommended procedures. Any waste products will be stored in approved containers and disposed of off site at an approved facility when drilling is complete.

## **SECTION 6 – GROUNDWATER/SURFACE WATER INFORMATION (§302.D.5)**

### **C. Is groundwater anticipated to be encountered during exploration**

Attachment 3 - LCR Lordsburg Form WR-07 and LCR Lordsburg Form WD-08

## **SECTION 8 – PERMIT FEES AND FINANCIAL ASSURANCE (§302.I.2 AND 5)**

### **A. Financial assurance must be posted with Mining and Minerals Division prior to approval of this application.**

\$0 - LCR requesting waiver for FA as project is below the 2ac limit that does not require a FA as per P3 19.10.3.303(F)